

ABSTRACT OF THE DISCLOSURE

A metallic mirror comprising a substrate made of aluminum or an aluminum alloy, and superposingly provided thereon in order an intermediate layer formed of  $TiO_2$  and a metallic reflective layer formed of Cu.

The metallic mirror may be a metallic mirror which further comprises a protective layer including at least a layer of  $Al_2O_3$ , formed by vacuum deposition on the metallic reflective layer. Also disclosed is a process for producing a metallic mirror, comprising the steps of forming the intermediate layer by vacuum deposition on a metallic polygonal mirror substrate metal, forming the metallic reflective layer of Cu by vacuum deposition on the intermediate layer, and forming the protective layer by vacuum deposition on the metallic reflective layer.

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